

1,10-Phenanthroline  
66-71-7 | DTXSID1025857

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.84	0.55	0.85	0.53	0.83	0.64

## Model Results

**Predicted value:** 4.58

**Global applicability domain:** Inside

**Local applicability domain index:** 4.67e-01

**Confidence level:** 6.90e-01

## Nearest Neighbors from the Training Set

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4-Isobutylmorpholine

**Measured:** 1.78

**Predicted:** 2.69

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6-Nitrobenzimidazole

**Measured:** 2.51

**Predicted:** 3.81

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Triethylamine

**Measured:** 4.90

**Predicted:** 5.95

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Molinate

**Measured:** 25.7

**Predicted:** 14.8

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Piperidine, 1-methyl-

**Measured:** 4.47

**Predicted:** 5.88